

SEP 25 2007

Attorney Docket No. 57636-8013.US01

**Amendments of the Claims**

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-26 (Cancelled)

27. (Currently amended) An isolated polypeptide ~~immunologically cross-reactive with~~ that induces an immune response to human prostatic acid phosphatase, wherein the isolated polypeptide comprises at least 90% amino acid sequence identity to SEQ ID NO:2.

28. (Previously presented) The isolated polypeptide of claim 27, wherein the polypeptide has the sequence of SEQ ID NO:2.

29. (Previously presented) A method of inducing an immune response against human prostatic acid phosphatase (PAP) in a mammalian subject, comprising administering to the subject an immunogenic dosage of a composition comprising an isolated polypeptide of claim 27.

30. (Previously presented) The method of claim 28, wherein the isolated polypeptide is mouse PAP.

31. (Previously presented) The method of claim 28, wherein the isolated polypeptide has the amino acid sequence of SEQ ID NO:2.

32. (Previously presented) The method of claim 28, wherein the isolated polypeptide is produced in insect cells.